

CELLAVÉ™ PATIENT INFORMATION SHEET

Understanding Mesenchymal Stem Cells (MSC) Supernatant or Secretome (Cell-Free Regenerative Nano Product)

Cellavé is a **premium, science-anchored regenerative platform** developed using advanced Japanese-inspired laboratory methods. Clinics choose Cellavé because it offers:

- A **cell-free, safe,** and stable approach
- **Consistent quality**
- **Globally recognized** scientific foundations
- A **modern, non-invasive** regenerative option

What Is MSC Supernatant or Secretome?

Cellavé uses a **cell-free regenerative approach** based on MSC supernatant or secretome — the natural “solution” that mesenchymal stem cells release in the laboratory.

Secretome does **not** contain stem cells. Instead, it contains the **helpful signals** MSCs naturally produce, including proteins, growth factors, and tiny protective particles. These are the same signals MSCs use to communicate with other cells in the body.

Scientists describe it as the **active part** of MSCs — the part responsible for their calming and supportive effects.

Why Is This Important?

Research shows that MSCs support the body **not by becoming new cells**, but by **sending messages** that help create a healthier environment for tissues.

Secretome contains these messages in a **safe, stable, and cell-free form**.

Doctors may use Cellavé formulations because research shows these natural signals can:

1. Calm Excessive Inflammation

Secretome contains natural “soothing” molecules that help the body settle down overactive inflammation.

2. Support Stressed or Aging Cells

It carries growth factors that help cells stay healthy under stress.

3. Encourage the Body’s Own Repair Processes

The components in the secretome help support blood flow, reduce cell stress, and create a more balanced environment for recovery.

These effects have been observed in research involving the lungs, liver, brain, and immune system.

What Does the Research Show?

Across many laboratory and early clinical studies, secretomes have shown the ability to:

- Reduce inflammation
- Support nerve cells
- Improve the environment around stressed tissues
- Promote healthier cellular activity

Is It Safe?

Across many MSC-related clinical studies, treatments using MSC-derived products have been **well-tolerated**, with mostly mild and temporary effects such as fatigue or low-grade fever.

Because secretome is **cell-free**, it **avoids risks associated with stem cell transplantation**.

What Cellavé MSC Supernatant or Secretome Is Not

To keep expectations clear:

- It is **not** a stem cell treatment
- It does **not** claim to treat or cure any disease
- It is **not** a drug
- It does **not** replace medical care
- It is a **biological wellness product** designed to support the body’s natural balance.

Your doctor can help you understand how Cellavé fits into your wellness plan.

References (Peer-Reviewed Scientific Reviews)

Trigo CM et al. *MSC Secretome for Regenerative Medicine*. Journal of Advanced Research, 2025.
Giovannelli L et al. *MSC Secretome and EVs for Neurodegenerative Diseases*. Bioactive Materials, 2023.
Cui et al. *EVs from MSCs improve cognition and reduce inflammation in AD models*.
Reza-Zaldivar et al. *MSC EVs support neurogenesis after Aβ injury*.